



SEQUENCE LISTING

<110> PIROFSKI, LIISE-ANNE
ZHONG, ZHAOJING
CHANG, QING

<120> HUMAN ANTIPNEUMOCOCCAL ANTIBODIES FROM NON-HUMAN
ANIMALS

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<140> 10/714,079

<141> 2003-11-14

<150> PCT/US02/18363

<151> 2002-05-16

<150> 60/291,492

<151> 2001-05-16

<160> 21

<170> PatentIn Ver. 2.1

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<211> 462

<212> DNA

<213> Homo sapiens

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aaggggcttg	agtgggtctc	agctattagt	ggtagtggtg	gtagcacata	ctacgcagac	240
tccgtgaagg	gccgggttcac	catctccaga	gacaattcca	agaacacgct	gtatctgcaa	300
atgaacagcc	tgagagccga	ggacacggcc	gtatattact	gtgcgaaagc	ccctcctaac	360
tggggatcgt	ttgactactg	gggccaggga	accctgggtc	ccgtctcctc	agggagtgca	420
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<213> Homo sapiens

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cggacgttcg	gccaaaggac	caagggtggaa	atcaaacgaa	ctgtggctgc	accatctgtc	360
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ctgaataact	tctatcccag	agaggccaaa	gtacagtggg	aggtggataa	cgccctccaa	480
tcgggtaact	cccaggagag	tgtcacagag	caggacagca	aggacagcac	ctacagcctc	540
agcagcacc	tgacgctgag	caaagcagac	tacgagaaac	acaaagtcta	cgctgcgaa	600
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 ggaaagcccc taagctcctg atctatgttg catcccggtt gcaaagtggg gtcccatcaa 180
 gggtcagcgg cagtggatct gggacagatt tcaactctac catcagcagc ctgcagcctg 240
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 ggaccaaggt ggaaatcaaa cgaactgtgg ctgcaccatc tgtcttcac ttcccgccat 360
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 ccagagaggg caaagtacag tggaagggtg ataacgacct ccaatcgggt aactcccagg 480
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 aactacaggt actactttga ctactggggc caggggaacc tggtcacctg ctctcaggg 420
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 <213> Homo sapiens

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gatcagtcctc caaagctcct catcaagtat gcttcccagt ccttctcagg ggtcccctcg 180
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gagagtgtca cagagcagga cagcaaggac agcactaca gcctcagcag caccctgacg 540
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<210> 7
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<212> DNA
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gcagcctctg gattcacttt cagtaacgcc tggatgagct ggggtccgcca ggctccaggg 180
aaggggctgg agtgggttgg ccgtattaaa agcaaaaactg atgggtgggac aacagactac 240
gctgcacccg tgaaaggcag attcaccatc tcaagagatg attcaaaaaa cacgctgtat 300
ctgcaaatga acagcctgaa aaccgaggac acagccgtgt attactgtac gaaacatagt 360
gggagctact acggatactt ccagcactgg ggccagggca ccctgggtcac cgtctcctca 420
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<212> DNA
<213> Homo sapiens

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tccggggtcc ctgacaggtt cagtggcagt ggatcaggca cagattttac actgaaaatc 240
agcagagtgg aggctgagga tgttggggtt tattactgca tgcaagctct acaaactcct 300
cggacgttcg gccaagggac caagggtggaa atcaaacgaa ctgtgggtgc accatctgtc 360
ttcatcttcc cgccatctga tgagcagttg aaatctggaa ctgcctctgt tgtgtgcctg 420

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ctgaataact tctatcccag agaggccaaa gtacagtgga angtggataa cgccctccaa 480
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<210> 9
<211> 11
<212> PRT
<213> Homo sapiens

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<210> 10
<211> 12
<212> PRT
<213> Homo sapiens

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<210> 11
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<213> Homo sapiens

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<210> 12
<211> 15
<212> PRT
<213> Homo sapiens

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<400> 12
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<210> 13
<211> 9
<212> PRT
<213> Homo sapiens

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<400> 13
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<210> 14
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<400> 14
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<210> 15
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<400> 15
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<210> 16
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<400> 16
 Gln Ala Asn Ser Phe Arg Thr
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<210> 17
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 <212> PRT
 <213> Homo sapiens

<400> 17
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 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: Synthetic primer

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 21

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

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21